



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/709,801
1 Fwo

Source:

Date Processed by STIC:

11/18/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS.

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/709,801

DATE: 11/18/2004

TIME: 14:11:21

Input Set : A:\Sequences.txt

Output Set: N:\CRF4\11182004\J709801.raw

3 <110> APPLICANT: University of South Florida
 5 <120> TITLE OF INVENTION: INHIBITION OF SHIP TO ENHANCE STEM CELL HARVEST AND
 6 TRANSPLANTATION
 8 <130> FILE REFERENCE: 1372.160PRC
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/709,801
 C--> 10 <141> CURRENT FILING DATE: 2004-05-28
 10 <160> NUMBER OF SEQ ID NOS: 14
 12 <170> SOFTWARE: PatentIn version 3.2

pp 1-3, 5
Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 19
 16 <212> TYPE: RNA
 17 <213> ORGANISM: Artificial Sequence
 19 <220> FEATURE:
 20 <223> OTHER INFORMATION: SHIP1 siRNA target sequences. Predicted to have good
 specificity
 21 and good knockdown against the human SHIP1 cDNA sequence.
 23 <400> SEQUENCE: 1
 E--> 24 gcctgttgc atccattga *"t's" not allowed in an RNA sequence* 19
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 19
 29 <212> TYPE: RNA
 30 <213> ORGANISM: Artificial Sequence
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: SHIP1 siRNA target sequences. Predicted to have good
 specificity
 34 and good knockdown against the human SHIP1 cDNA sequence.
 36 <400> SEQUENCE: 2
 E--> 37 ataagttggt gatcttgg *same error* 19
 40 <210> SEQ ID NO: 3
 41 <211> LENGTH: 19
 42 <212> TYPE: RNA
 43 <213> ORGANISM: Artificial Sequence
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: SHIP1 siRNA target sequences. Predicted to have good
 specificity
 47 and good knockdown against the human SHIP1 cDNA sequence.
 49 <400> SEQUENCE: 3
 E--> 50 gccacatctg tactgaaa *same error* 19
 53 <210> SEQ ID NO: 4
 54 <211> LENGTH: 19

55 <212> TYPE: RNA

56 <213> ORGANISM: Artificial Sequence

see p. 3

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/709,801

DATE: 11/18/2004

TIME: 14:11:21

Input Set : A:\Sequences.txt

Output Set: N:\CRF4\11182004\J709801.raw

58 <220> FEATURE:
59 <223> OTHER INFORMATION: SHIP1 sirna target sequences. Predicted to have good
specificity
60 and good knockdown against the human SHIP1 cDNA sequence.
62 <400> SEQUENCE: 4
E--> 63 agacaggcat tgcaaacac *same error* 19
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 19
68 <212> TYPE: RNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: SHIP1 sirna target sequences. Predicted to have good
specificity
73 and good knockdown against the human SHIP1 cDNA sequence.
75 <400> SEQUENCE: 5
E--> 76 acatcactca ccgcttcac *same error* 19
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 19
81 <212> TYPE: RNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: SHIP1 sirna target sequences. Predicted to have good
specificity
86 and good knockdown against the human SHIP1 cDNA sequence.
88 <400> SEQUENCE: 6
E--> 89 tcttaactac cgtgtggat *same error* 19
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 19
94 <212> TYPE: RNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: SHIP1 sirna target sequences. Predicted to have good
specificity
99 and good knockdown against the human SHIP1 cDNA sequence.
101 <400> SEQUENCE: 7
E--> 102 aatacgcta caccaagca *same error* 19
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 19
107 <212> TYPE: RNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: SHIP1 sirna target sequences. Predicted to have good
specificity
112 and good knockdown against the human SHIP1 cDNA sequence.
114 <400> SEQUENCE: 8
E--> 115 gtaccagcga catcatgac *same error* 19
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 19
120 <212> TYPE: RNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: SHIP1 sirna target sequences. Predicted to have good
specificity

P.5

125 and good knockdown against the human SHIP1 cDNA sequence.
127 <400> SEQUENCE: 9

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/709,801

DATE: 11/18/2004

TIME: 14:11:21

Input Set : A:\Sequences.txt

Output Set : N:\CRF4\11182004\J709801.raw

E--> 128 ggcacatcat gacgagtga *same error* 19
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 19
133 <212> TYPE: RNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: SHIP1 siRNA target sequences. Predicted to have good
specificity
138 and good knockdown against the human SHIP1 cDNA sequence.
140 <400> SEQUENCE: 10
E--> 141 aggacagatt gagtttctc *same* 19
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 19
146 <212> TYPE: RNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: SHIP1 siRNA target sequences. Predicted to have good
specificity
151 and good knockdown against the human SHIP1 cDNA sequence.
153 <400> SEQUENCE: 11
E--> 154 ggtgctatgc cacattgaa *same* 19
157 <210> SEQ ID NO: 12
158 <211> LENGTH: 19
159 <212> TYPE: RNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: SHIP1 siRNA target sequences. Predicted to have good
specificity
164 and good knockdown against the human SHIP1 cDNA sequence.
166 <400> SEQUENCE: 12
E--> 167 gtttggtgag actcttcca *same* 19
170 <210> SEQ ID NO: 13
171 <211> LENGTH: 19
172 <212> TYPE: RNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: SHIP1 siRNA target sequences. Predicted to have good
specificity
177 and good knockdown against the human SHIP1 cDNA sequence.
179 <400> SEQUENCE: 13
E--> 180 agacggagcg tgatgaatc *same* 19

VERIFICATION SUMMARY

DATE: 11/18/2004

PATENT APPLICATION: US/10/709,801

TIME: 14:11:22

Input Set : A:\Sequences.txt

Output Set: N:\CRF4\11182004\J709801.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:24 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:7
L:37 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:8
L:50 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:4
L:63 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:2
L:76 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:4
L:89 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:7
L:102 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:2
L:115 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:3
L:128 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:3
L:141 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:6
L:154 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:5
L:167 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:7
L:180 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:3